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Shi K. Li

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

REVISED ELECTION OF CLAIMS

| | | | |
|-------------|------------------|------------|-----------|
| APPLICANT: | Bierhoff, et al. | DOCKET NO: | P00,1768 |
| SERIAL NO.: | 09/679,700 | ART UNIT: | 2633 |
| FILED: | October 5, 2000 | EXAMINER: | Shi K. Li |
| CONF. NO. | 8923 | | |

TITLE: SIMULATION OF ELECTRO-OPTICAL CONNECTIONS THAT TAKES
SPATIAL DIRECTION INTO CONSIDERATION

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JUN 02 2004

Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

Technology Center 2600

Dear Sir:

This communication is in response to the Office Action on the above-identified case mailed May 18, 2004 requiring the Applicants to indicate which claims are covered by the species elected. The Examiner grouped the species as follows:

| | |
|-------------|----------------------|
| Species I | Figures 1, 2a and 2b |
| Species II | Figure 3 |
| Species III | Figure 4a |
| Species IV | Figure 4b |

Applicants provisionally elect Species II, with traverse. Species II is covered by claims 1-6 and 16. Species III is covered by claim 14 and Species IV is covered by claim 15.

Species II (Figure 3) shows an electrical network used for simulating the behavior of opto-electrical connections. A detailed network emulation of the transmitter and the receiver shown in Figure 3 is illustrated in Figures 4a, b.

Since Figures 4a, b represent detailed elements comprised by Fig. 3, Species III and IV are covered by Figure 3 as well and are thus not patentably distinct.

Respectfully submitted,

 (Reg. No. 45,877)

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CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to:
Commissioner for Patents, PO Box 1450, Alexandria, VA 22313-1450 on May 25, 2003.

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Mark Bergner Attorney for Applicants